

Cast Iron Effluent Pump

SWF05001TPK | 1/2 HP | 4200 GPH



- Rugged cast iron pump housing and base
- 2" Quick Connect fitting eliminates the need for PVC primer, glue or plumber's tape
- Non-clog Vortex Impeller handles up to 3/4" solids
- Piggyback Tethered Float Switch for automatic or manual operation
- Energy-efficient, PSC motor with automatic reset thermal overload protection
- Oil-filled motor provides maximum heat dissipation and permanent lubrication
- 2" female NPT discharge with 25' power cord



Performance

Model No.	HP	Discharge Flow (GPH)						
		0'	5'	10'	15'	20'	25'	Max. lift
SWF05001TPK	1/2	4200	3780	3360	2820	2100	1260	30'

Application

Submersible Effluent pump designed to pump effluent, grey water or wastewater with up to 3/4" spherical solids.	
Voltage	115
Hertz	60
Phase	Single
RPM	3450RPM
Motor type	Permanent Split Capacitor (PSC)
Insulation	Class B
Circuit requirements	15 AMP
Duty rating	Continuous*
Shaft seal	Lip seal (Rubber and Stainless steel)
Motor Shaft	Stainless steel
Upper motor bearing	Ball bearing
Lower motor bearing	Ball bearing
Cooling	Oil cooled
Motor protection	Auto reset thermal overload protector

*For continuous, the water depth must be at least 6" to prevent the motor from overheating

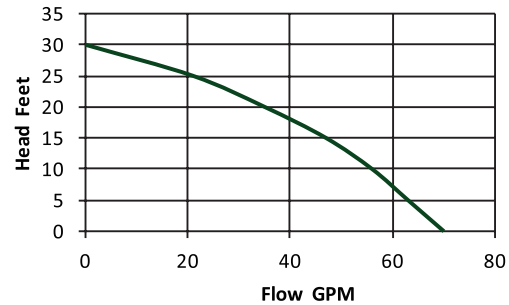
Pump Specifications

Discharge size	2" FNPT (with 2" Quick Connect Fitting)
Cord Length	25'
Cord type	SJTW 18AWG/3C, UL list
Pump Housing	Cast iron
Pump Base	Cast iron
Impeller material	Reinforced thermoplastic
Gasket	Rubber
Solids handling	3/4" spherical
Liquid temp. range	32°-131 °F
Operation	Automatic
Fasteners	Stainless steel

Automatic Switch Specifications

Type	Wide Angle Tethered
Switch on point	13.3"
Switch off point	5"
Material	Reinforced thermoplastic
Cord Length	25'
Cord type	SJOW 18AWG/2C, UL list

Performance



Model	HP	Amps	Discharge Height(ft)	0	5	10	15	20	25	30
				GPM	70	63	56	47	35	21
SWF05001TPK	1/2	7.4A	GPH	4200	3780	3360	2820	2100	1260	0

Dimensions

